C. H. DeSelm Is Named Director Of Surveillance

C. H. "Hilt" DeSelm assumed duties as Sandia’s Director of Surveillance and Operations (T000) on July 1, replacing L. E. Lamkin, who is now Superintendent of Inspection (2700).

An employee for 12 and one-half years, Mr. DeSelm was...
The Editor's Incoming Mail

Dear Editor: It has come to my mind that Sandia Corporation personnel might be interested in knowing how we of Full Scale Test live and work here at the Eniwetok Province Ground. It goes without saying that only the portions of the story that I can describe are the general day to day living and off-duty recreational activities. With this thought in mind here is a recap on how we live out here. Later I will write another letter telling about the recreational activities. Having two installations to this story will help boost the circulation of your paper. I know that it is something the men look forward to in the summer months.

Here at Eniwetok we are housed in metal barracks similar to Butler buildings. The barracks are equipped with four four-man rooms, the rooms being large enough to accommodate eight people during the tourist season. The buildings are of special construction for use in tropical areas in that the sides can be completely opened to the trade winds. Being of aluminum construction this makes the buildings both durable and long lasting in a climate such as we have here. Once or twice has hauled out here and this can make the barrack buildings inside the barracks. At Bikini we are housed in rooms, the rooms being 20 to 25 feet away from the ocean. We gather on the "mooie" after work gone on how we spend our leisure time.

A Prime Contractor to the ARC (Holmes & Narver) operates the mess hall at both stations, and operate the do. Seldom do you hear a complaint on the food served, except many complain about not being able to push away from the table the next day never to wonder how such good food, including fresh vegetables, can be served daily so far from "civilization" as to speak.

We have a scheduled seating time and at the sound of the siren the meat is ready. The food is served to us family style and when a dish is not being served we simply hold it up and the mess boys get it first.

Saturday night is "steak night" out here. Either New York cuts or filet mignon. We can have as many steaks as we can put away and the steaks are usually dry aged and color we want. This along with French fries, fresh salad and fillings of off with shortcakes and fresh fruit on strawberries makes for a well rounded meal.

Guess I better end the first installment here; will write again soon on how we spend our leisure time.

C. A. "Kip" BLOOM

Editor's Note: Kip Blossom has been with Sandia Corporation for almost eight years, the high point of the trip occurred at Rainbow Landing, about the most desolate place along the route. In repayment of an old debt, Boatman was looking forward to making that evening's most unforgettable. Out of his pack came a dilettante white and gold lithographed, cardboard and a pair of crystal holders, champagne flutes that he'd been saving for his proper crystal stemware, and a box of fine cigars.

Camp Cook Smith met the challenge by serving fried chicken, candied yams, creamed onions and cherry pie hot out of the Dutch oven.

The other two men kept the records charged on the portable phonograph.
The new building is designated space for an air compressor, air erection of a government-provided present of the driers, vacuum pump improvements to the wind tunnel, and laboratories 38 feet deep on one side of the hallway deep on the length of the building, offset of the wings, forming a rectangular future construction of wings at the main entrance of the building with a bid of $1,277,679. $1,600,000 Materials, Standards Lab To Be Built for Sandia Corporation

Flexibility for expansion was a main requirement in the design of Sandia's new Materials and Standards Laboratory, Bldg. 861, which is moving from the drawing boards to the construction stage. According to an ARC announcement, Robert E. McKeen, contractor, was low bidder June 24 on construction of the 78,000 sq. ft. building with a bid of $1,277,679. Total cost of the project is estimated at more than $1,600,000. This includes engineering, architect-engineer fees and installation of partitions.

Three Stories High

This will be the first three-story structure planned for Sandia Laboratory since construction of Bldg. 802. Completion is expected about Sept. 1, 1959. The building will be located two blocks west of Bldg. 802 on property recently transferred from the military to the ARC.

Dimensions of the building are 75,000 square feet and are designed for future construction of wings at each end and addition of a similar building to join the proposed structure in the middle with an enclosed courtyard. The plans for the first phase taken into consideration these additions so that extensive modifications will not be necessary later.

Easy to Change

A high ratio of net usable space combined with a minimum of permanent construction make the building adaptable to continuous changes in the internal arrangements for Materials Standards Department 1610 and Physical and Electrical Standards Department 1658. Movable metal partitions will permit the exceptions of permanent partitions and walls.

The plan calls for a 12 foot area adjacent to each of the four elevators, 25 feet deep on one side of the highway and 30 feet deep on the other side. The bays are spaced every 25 feet and can further be divided into four equal areas. Cost of construction will be $150,000.

These and other planned improvements to the new facility were in the last issue of Sandia Lab News. The second contract was for a erection of a government-provided steel building in Coyote Canyon. The new building is designated Bldg. 820 and will be used for test purposes. It measures 26 by 80 feet and the cost of installation will be $29,000.

The two Sandia organizations will require laboratory and office space for research, development, testing and measuring in physics, chemistry, metallurgy, plastics and other non-metals, elastomers and adhesives.

The building will have a reinforced concrete frame with nonstructural concrete masonry wall panels and be similar in appearance to Bldg. 836. The first floor will have concrete slab floor construction, but the rest will have steel floor slab. All will be covered with asphalt tile. An underfloor electric duct system will be used throughout providing unlimited flexibility in the system.

Air Conditioning

Heating, ventilation and refrigerated air conditioning will be through high velocity forced air ceiling ducts, similar to systems used in Bldgs. 803 and 846. Basement space will house major electrical and mechanical components required for the building.

Preliminary plans and design criteria for this building were drawn in the Engineering Department (2440).

Final plans and specifications were prepared by the architect-engineer under contract to the ARC.

Service Awards

Evan L. Storms Retires June 15

Retiring on June 15 was Evan L. Storms (2123), who had been employed at Sandia nine and one half years. He had worked in the model shops organization the entire period.

Mr. Storms doesn't have any particular plans as yet but he and his wife insist to continue making their home in Albuquerque at 1307 Bostwick NE. He has a son living in Albuquerque and also a grandchild.

E. L. Storms

Two Contracts Let for Sandia Lab Buildings

Contracts were let last week for two Sandia Laboratory construction jobs.

A 2,460 sq. ft. addition to the wind tunnel building will house an existing small dust tunnel. This will be located directly east of the present building. Included will be space for an air compressor, air dryers, vacuum pump and tank. Cost of construction will be $100,000.

The two and other planned improvements to the new facility were in the last issue of Sandia Lab News.

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New York Student Attributes Award To Wind Tunnel Book by A. Y. Pope

A hook, Wind Tunnel Testing by Alan Y. Pope, Sandia Aerodynamica Department Manager, is considered by an Eastern high school student as being the reason he won honors in the Western New York Science Congress.

Jay A. Lockie, 17, of Kenmore, N. Y., wrote that he received the top prize with an operational low speed wind tunnel. The 16th annual competition was sponsored by the Buffalo Evening News, the Buffalo Museum of Science and the State Science Teachers Association.

The student started in April 1957 to design a model wind tunnel in which to test model airplane planes. When he became stumped he turned to a practical basis of visualization which could be used. Jay turned to Mr. Pope's book and found several satisfactory methods.

Jay wrote: "Your book was the main factor making my project a success. I am now studying your chapters on model measurements and instrumentation before attempting to instrument my test section."

Mr. Pope has just finished another book describing how to build a low speed wind tunnel. People who are interested in Jay's next tunnel will operate in a higher speed region.

Junior Livemore Ball Clubs Eying League

Two junior league baseball teams sponsored by Sandia employees at Livemore have been pennant look in their eyes this season. With five games to go, the Dikes hold down first place with an 8-2-1 standing. The Sandia B-7-Birds, also facing five more games, are close behind in second place with a 7-3-1 standing.

Both teams of 10 and 12-year-old boys have the year penske in their eyes this season. The top team in each of the two leagues in Livemore will play late in July for the local "junior world series" championship.

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Leaders Needed For Boy Scouts On Sandia Base

Scouting on Sandia Base is experiencing a severe shortage of leaders. The scout is a tool for scoutsmasters and assistant scoutsmasters.

The call for help has gone out to the families of Sandia Base and Mamone Base, Col. W. A. Bailey and Col. B. W. Pigg, commandant of Sandia Base, AEC, and B. P. Schaefer, Vice President and General Manager, Sandia Corporation.

There are 120 boys in scouting on Sandia Base. The number is increased annually by approximately 25 and the base scoutmaster needs assistance in the program and the accomplishment of Wherry Housing Area by the government. The boys are all sons of military, Sandia Corporation employees and other government personnel.

The group will tour Sandia Base who is interested in assisting in the program. Sandia Base will continue one of the above. Persons selected to undertake this work may be assured of the complete support and assistance of the entire base.

Engineers Go Picnicking In Sandias on July 21

The New Mexico Society of Professional Engineers will hold their annual picnic Sunday, July 21, in the Sandias east of Bernalillo.

The day-long affair will feature games for children and adults, live music for all and a "ranger" who can be made from the camp site. Tickets may be obtained in advance from Bill Keeler (2473).

A group of 50 scoutsmasters and assistant scoutmasters, from the call for help has gone out to the families of Sandia Base and Mamone Base, Col. W. A. Bailey and Col. B. W. Pigg, commandant of Sandia Base, AEC, and B. P. Schaefer, Vice President and General Manager, Sandia Corporation.

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Hank Tendall Leads Mountain Club Into High Sierra Country

Arrangements are underway by the Mountaineering Club for the annual summer outing, to be held this year from Aug. 16-Sept. 1 in the California high Sierras.

Pack animals will be used to transport gear to the base camp which will be established in the high Sierras. Tickets may be obtained in advance from Hank Tendall (1113). The price of $20 includes the use of any of the groups.

At Army Finance School From the Progress of the Army Finance School, July 12, 1948. He comes word that Lt. Col. Har- old V. Cast came two weeks ago for a day to look around. Cast is a member of the 411th Army Reserve Service Unit. It is expected that the other 20 weeks of the year—Herald is supposed to be on leave from Sandia's Auditing Division 4123.
Promotions

M. Roberta Brown (7241) to Machinist I in the Data Reduction Division under 17 years, as a civilian with the U. S. Army and 12 years as an employee of the U. S. Army.

J. W. Wade (7111) to Shop Clerk in Department 2511-1 to work as a Teamster.

R. R. Grandstaff (2462) to Admin Clerk in the Finance Department.

Robert J. W. Whaley (7225) to Shop Clerk in Department 2511-1, to work as a Teamster.

B. Torres (7241) to Business Clerk to work under Section 1474-3.

The juniors are sponsored by the Rio Grande Horse Association, a group of adult riders interested in raising and riding.

Sandra Brown (7111) to Teamster and endorsed by the American Horsemen's Association.

The next two years, "we" have been in the same division and have been employed on a period except for the six months in November 1955.

WESLEY A. JOHNSON, Jr. to supervisor of Fire Control Systems Department 2341-1, Mechanical Assembly Division.

A Corporation employee for seven years, "we" have been in the same division.

The next two years, "we" have been in the same division and have been employed on a period except for the six months in November 1955.

He attended Arthur Hill Trade School in Saginaw, Michigan.

DAN C. HELD to supervisor of Fire Control Systems Department 2341-1, Mechanical Assembly Division.

For the two years, "we" have been in the same division and have been employed on a period except for the six months in November 1955.

Prior to coming to Albuquerque, "we" worked for the Chamber of Commerce of Saginaw, Michigan.

He attended Arthur Hill Trade School in Saginaw, Michigan.

J. RODGER KING to supervisor of MB Systems Standards Division 2041-1, Mechanical Assembly Division.

B. Torres (7241) to Admin Clerk in the Finance Department.

The next two years, "we" have been in the same division and have been employed on a period except for the six months in November 1955.

He attended Arthur Hill Trade School in Saginaw, Michigan.

PAUL L. STEWART to supervisor of Fire Control Systems Department 2341-1, Mechanical Assembly Division.

J. W. Wade (7111) to Shop Clerk in Department 2511-1, to work as a Teamster.
Preparations Near Complete; 705 To Arrive Here July 16

When Sandia Corporation's new computer—the IBM 7000 Electronic Data Processing Machine—arrives next week, it will be installed in most unusual quarters in Bldg. 880. Renowned for its ability to rapidly analyze the complex environment of the big computer, the Plant Engineering Department has solved some knotty problems in air conditioning, heating, electrical facilities and power supplies.

Innocuous solutions to a team of plant engineers assure the 700 a dust-free atmosphere, a relative humidity of 40 and 60 per cent, constant temperature of 75 degrees and a separate power sub-station free from fluctuations of voltage. The specifications so far are:

Team Works Year
Mike Kuzmich (44-1), L. L. Schaefer (443-1) and Mal Baxter (44-3-3) are the Plant Engineers who spent more than a year on a year-round, structural design, electrical, and mechanical problem, respectively, of the 705 installation.

Two weeks ago, the 705 floor of Bldg. 880 was given a false floor 14 inches above the normal floor to accommodate the myriad of cables and electrical connections required for the 705. The raised floor also permits air flow to each unit of the computer. Air is blown through the units to carry off excess heat.

The 4800 feet of raised floor is constructed of four-foot-square panels removable for easy access to the cables and air ducts. The panels are made of 1 in. thick plywood bonded to a thin metal fire-proofing sheet. The panels rest on a framework of steel girders.

This precision construction assures perfect fitting of the panels and the placement of holes in the panels for cable openings for the 705.

Where to Go? What to Do?
Here's Answer
The decision of "where to go and what to do" in Albuquerque in the summer months is reached at the University of New Mexico's summer session program. The coming two weeks entertainment on campus will include:

"Lectures Under the Stars": July 14, Dr. Rodolfo Cardenas, "Literature and War" (1936-37). July 21, Dr. Albert Morris, "The Nature of Crime and Criminals." "Film Society": July 15, "Sweet Adelines," a women's barbershop singing group; July 18, Prof. Walter Robert, internationally known Viennese pianist; July 22, the Rev. Jack Mendelsohn, "America's Role in the Middle East." These programs also begin at 8 p.m. and are free.

"Summer Play Program": July 13, "Sweet Adelines," a women's barbershop singing group; July 18, Prof. Walter Robert, internationally known Viennese pianist; July 22, the Rev. Jack Mendelsohn, "America's Role in the Middle East." These programs also begin at 8 p.m. and are free.

Mr. Warren's father June 18 in Sandia; Mr. and Mrs. Roy Dunlap (3462-3) a son, Marty Kent, on June 20.
Mr. and Mrs. Pat J. Gidimatis (5622-3) a daughter, Margie Grace, on June 20.
Mr. and Mrs. Jack Schaefer (7411) a daughter, Elizabeth Anne, on June 24.
Mr. and Mrs. Pueblo Garcia (3722) a son, Vernal, on June 22.
Mr. and Mrs. H. B. Vandenbark (3082) a son, Marty Kent, on June 20.
Mr. and Mrs. Reynaldo Gonzalez (2223) a daughter on June 28.
Mr. and Mrs. Glen Hober (1456) a son, Mark Edward, on June 29.
Mr. and Mrs. Bill Breeden (1425) a daughter, Theresa Elaine, on June 31.
Mr. and Mrs. Joe Leon Armijo (2722) a daughter, Leonora Theresa, on June 30.
Mr. and Mrs. R. T. West (1312) a son, James Leo, on June 30.
Mr. and Mrs. Jack Schaefer (7411) a daughter, Elizabeth Anne, on June 24.
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Sympathy
To Elys (1932) and Wallace Warren (4322-1) for the death of Mr. Warren's father June 18 in Albuquerque.